



आरत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

वं. ४९]

वर्ष विस्ती, शनिवार, दिसम्बर ७, १९७४ (अग्रहायण १६, १८९६)

No. 49] NEW DELHI, SATURDAY, DECEMBER 7, 1974 (AGRAHAYANA 16, 1896)

इस जारी में विभिन्न पृष्ठ संख्या वी जारी है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट वायलिंग द्वारा जारी ही वर्ष पेटेंटों कोर विभागीय से सन्वित अधिसूचनाएं और नोटिस
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

PATENTS & DESIGNS

Calcutta, the 7th December 1974

CORRIGENDUM

In the Gazette of India, Part III Section 2 dated 20th April 1974 in page 240 column 2 under the heading "Correlation of Patents"

Delete No. "117882"

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

31st October 1974.

2372/Cal/74. Council of Scientific and Industrial Research. A collimating system for X-ray topography cameras and similar equipments.

2373/Cal/74. British Sealed Beams Limited. Filament shields. (November 14, 1973).

2374/Cal/74. The British Oxygen Company Limited. Absorption system.

2375/Cal/74. Bayer A. G. Process for isolating 1, H-Dinitro-anthraquinone from anthraquinone nitration mixtures. [Divisional dated August 10, 1972].

2376/Cal/74. Dresser Industries, Inc. Motion amplifier for condition responsive gauge instrument. [Addition to No. 1552/72].

2377/Cal/74. Svenska Rayon Aktiebolaget. Method of removing zinc from a water solution.

2378/Cal/74. Atlantic Richfield Company. Process for the manufacture of gres.

2379/Cal/74. Cardwell Westinghouse Company. Rubber draft gear.

2380/Cal/74. John Tung. Air-permeable and water-repellent compositions and uses thereof.

2381/Cal/74. Council of Scientific and Industrial Research. Therapeutic compositions consisting of n-alkyl-a-phenoxy isobuty-ramides.

1st November 1974.

2382/Cal/74. The Lucas Electrical Company Limited. 1 amp reflectors. (November 15, 1973) U.K.

2383/Cal/74. Imperial Chemical Industries Limited. Process. (November 16, 1973).

2384/Cal/74. The Lucas Electrical Company Limited. "Electrical switches". (December 12, 1972) U.K.

2385/Cal/74. Babcock & Wilcox Limited. Improvements relating to enclosed combustion chambers. (November 2, 1973).

2386/Cal/74. Westinghouse Electric Corporation. Improved Circuit-breakers with improved magnetic ARC-driving systems.

2387/Cal/74. Bakerdrill, Inc. Bore hole air hammer.

2388/Cal/74. Michiro Inoue, Masayuki Ishikawa, Takashi Tsuchiya, and Takio Shimamoto. Process for the manufacture of 1-phthalazone derivative.

2389/Cal/74. Snam Progetti S.p.A. Production of stable materials.

2390/Cal/74. Snam Progetti S.p.A. Production of stable materials.

2391/Cal/74. Polysar Limited. Amine Modified Remoldable Rubbers. (November 8, 1973).

2392/Cal/74. Sun Ventures, Inc. Block copolymer of poly (dioxa-amine) and polyamide.

2393/Cal/74. Sun Ventures, Inc. Copolymer of blocks of alternating poly (dioxo-amide) and polyamide.

2394/Cal/74. Sun Ventures, Inc. Block copolymer of poly (oxo-amide) and polyamide.

2395/Cal/74. Sun Ventures, Inc. Block copolymer of poly (dioxo-arylamide) and polyamide.

2396/Cal/74. Fierro Esponja, S. A. Method for gaseous reduction of metal ores.

2nd November, 1974.

2397/Cal/74. Polysar Limited. Amine modified polymers. (November 8, 1973).

2398/Cal/74. Polysar Limited. Halobutyl of improved green strength. (November 8, 1973).

2399/Cal/74. Polysar Limited. Remoldable halobutyl rubbers. (November 8, 1973).

2400/Cal/74. International Business Machines Corporation. "Document Processors"

2401/Cal/74. Airco, Inc. Methods and apparatus for treating wastewater.

2402/Cal/74. International Nickel Limited. "Electrodeposition on non-conductive surfaces."

2403/Cal/74. Politechnika Gdanska. Desalanyltetaine derivatives and the method for their preparation.

2404/Cal/74. The Standard Oil Company. "Catalyst Compositions Especially Useful for Preparation of Unsaturated Acids".

2405/Cal/74. Marion Power Shovel Company, Inc. Earth Working Implement And Tooth Assembly Therefor.

2406/Cal/74. Marion Power Shovel Company, Inc. Power Shovel.

4th November, 1974.

2407/Cal/74. Montrion, Corporation. Combination Viewer And Projector.

2408/Cal/74. FMC Corporation. Spherical roller bearing heavy loads and method of making improved roller thereof.

2409/Cal/74. Sybron Corporation. Fluid Resistor.

2410/Cal/74. David Lee Hilling, Russel Eugene Logan, and Terry Eugene Logan. "Aeration Technology".

2411/Cal/74. Dunlop Limited. Cable spacer for overhead power transmission lines.

2412/Cal/74. Nuchem Plastics Ltd. A process for the manufacture of butylated urea formaldehyde resins.

2413/Cal/74. Combustion Engineering, Inc. Mixing Device

2414/Cal/74. H. S. Gandhi, K. S. Gandhi and H. S. Gandhi. A variable speed control device.

2415/Cal/74. Emhart Corporation. Individual section high speed forming machine and process for making glassware in a press and blow technique. (November 23, 1973).

2416/Cal/74. General Electric Company. Process for generating a gas mixture containing combustible components. [Divisional date November 14, 1972].

2417/Cal/74. Monsanto Company. Capacitor and dielectric empregnant composition therefor.

2418/Cal/74. Marion Power Shovel Company, Inc. Power shovel and crowd system.

5th November, 1974.

2419/Cal/74. Monsanto Company. Carboxyalkyl esters of N-phosphonomethyl glycine and the herbicidal use thereof.

2420/Cal/74. Fives-Cail Babcock. "Conical-Basket Dryer Centrifuge Comprising A Washing Device".

2421/Cal/74. Stanadyne Inc. Fuel injection pump. [Divisional date February 14, 1974].

2422/Cal/74. Stanadyne Inc. Fuel injection pump. [Divisional date February 14, 1974].

2423/Cal/74. Nestle's Products Limited. Preparation of meat analogues.

2424/Cal/74. Battelle Memorial Institute. Process for the purification of water by distillation and apparatus for carrying it out.

2425/Cal/74. Jaipur Metals & Electricals Ltd. Improvements in or relating to bearings.

2426/Cal/74. Ayerst, Mckenna & Harrison Limited. Peptides. (May 7, 1974).

2427/Cal/74. British Insulated Callender's Cables Limited. Electric Cable Joints. (November 6, 1973) U.K.

2428/Cal/74. Tri-Ordinate Corporation. A cam member for use in a cam-cam follower systems. [Divisional date May 2, 1972].

2429/Cal/74. Tri-Ordinate Corporation. A cam-cam follower system. [Divisional date May 2, 1972]

2430/Cal/74. Strategic Medical Research Corp. Therapeutic Composition, novel compounds useful therein, and method of using the same.

2431/Cal/74. G. V. Himatsinghani, G. V. Ramana Rao and M. K. Malik. Braking device. [Divisional date November 21, 1973].

6th November, 1974.

2432/Cal/74. Council of Scientific and Industrial Research. Logic control system for 12 step three phase thyristor inverter.

2433/Cal/74. Council of Scientific and Industrial Research. Improvements in or relating to the extraction of gallium from sodium aluminates liquors obtainable from alumina producing plants.

2434/Cal/74. Anthony Mcnamee. Flexible coupling. (November 9, 1973).

2435/Cal/74. ICI Australasia Limited & Commonwealth Scientific and Industrial Research Organization. "Process" (November 21, 1973).

2436/Cal/74. The Prestige Group Limited. Pressure cooking appliance. (November 14, 1973).

2437/Cal/74. Produits Chimiques Ugine Kuhlmann. Oxidation catalysts and their application to the manufacture of maleic anhydride.

2438/Cal/74. Aktiebolaget Tudor. Powder mixture for production of lead storage battery electrodes.

2439/Cal/74. Monsanto Company. Process for producing N-Phosphono-methyl glycine triesters.

2440/Cal/74. Cassella Farbwerke Mainz or Aktiengesellschaft. Benzophenone derivatives and process for their production. [Addition to No. 1089/Cal/73].

2441/Cal/74. Council of Scientific and Industrial Research. Improvements in or relating to the electro-chemical reduction of nitrobenzene to p-amino-phenol.

2442/Cal/74. Council of Scientific and Industrial Research. Improvements in or relating to anodic phosphating

2443/Cal/74. K. Gupta. Improvements in or relating to method of and means for locking and or fastening the door or gate or alike to floor or wall or frame.

APPLICATION FOR PATENTS FILED AT BOMBAY
BRANCH.

26th September 1974

345/Bom/74. Bhagwati Industries. "Improvement in and modification of warping machine used in textile industry."

346/Bom/74. N. B. Panchal and B. M. Panchal. Shutter lock.

27th September, 1974.

347/Bom/74. Dr. S. K. Sanghani. "Doing away of the customary pneumatic tube which is inside the tyre of all road vehicles whether power driven or otherwise and replacing it by means of a mechanical device".

348/Bom/74. Dr. S. K. Sanghani. "Improving the designs of the ordinary cycle or tricycle as the case may be and make it folding and portable".

349/Bom/74. D. T. Trivedi and S. N. Balsari. "Improvements in mounting of miniature circuit-breakers in distribution boards".

30th September, 1974.

350/Bom/74. Unichem Laboratories Limited. "Process for the preparation of benzimidazole derivatives".

351/Bom/74. Unichem Laboratories Limited. "Process for the preparation of 2-substituted imidazoline derivatives."

352/Bom/74. M. Madhavji. "Improvements in or relating to padlocks and the like".

3rd October, 1974.

353/Bom/74. M. Y. Joshi. "Magnetic separator for sugar mills."

354/Bom/74. K. S. Shah. "Fuel-level-alarm for vehicles".

4th October, 1974.

355/Bom/74. Ion Exchange (India) Limited. "Solid state automatic programmable logic sequence control system."

7th October, 1974.

356/Bom/74. S. B. Bhatia. "A novel playing ring".

357/Bom/74. 3 Brothers & Fils. "Improved type of ampoule package".

358/Bom/74. Samarendra Narayan Sinha. "Improvements in or relating to the construction and manufacture of worm wheels".

8th October, 1974.

359/Bom/74. Remsons Cables Private Limited. "Improvements in bicycle brakes".

10th October, 1974.

360/Bom/74. Jyoti Prasad Mukherjee. "A reciprocating conveyor system".

11th October, 1974.

361/Bom/74. Tata Engineering & Locomotive Company Limited. "A shell core blowing machine".

14th October, 1974.

362/Bom/74. Aerojet-General Corporation. "Process to prepare chromium salt catalysts and their use".

363/Bom/74. R. D. Panse. "A multipurpose device for fitting on doors".

14th October, 1974.

364/Bom/74. Nat Steel Equipment Private Limited. "An electrically operated pneumatic/hydraulic device for automatically opening and/or closing the door of a pressurized or non-pressurized vessel".

15th October, 1974.

365/Bom/74. Hindustan Lever Limited. Treatment of packaging materials.

366/Bom/74. R. C. Edwards & Co. Private Limited. "Improvements in or relating to fare meters and the like".

ALTERATION OF DATE

136351 Ante-dated to 23rd July 1971.

1714/Cal/74.

136352. Ante-dated to 15th May 1969.

1412/Cal/74.

136364. Ante-dated to 24th October, 1968.

859/Cal/74.

136379. Ante-dated to 20th May 1968.

10/Cal/73.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents *at the appropriate office* as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kuan Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F₁ & 55E₄.

81912.

A METHOD OF PREPARING BETAINE SALICYLATES.

MUNDIPHARMA A G, OF KAISERSTRASSE 4, RHEINFELDEN, SWITZERLAND.

Application No. 81912 filed April 24, 1962.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A method of preparing betaine salicylate which consists of reacting betaine base moiety with salicylic acid moiety in an anhydrous inert organic solvent.

CLASS 32F₁+F₂.

82605.

METHOD OF PREPARING NEW DERIVATIVES OF 6,11-DIHYDRODIBENZ-(B, E) THIEPIN.

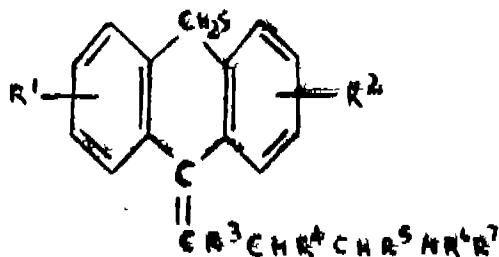
SPOFA, SDRUZENI PODNIKU PRO ZDRAVOTNICOU VYROBU, OF NO. 11A, HUSINECKA, PRAGUE 3, CZECHOSLOVAKIA.

Application No. 82605 filed June 5, 1962.

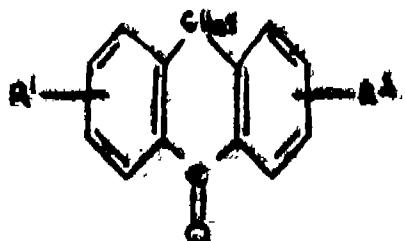
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A method of preparing new derivatives of 6, 11-dihydro-dibenz/b, e/ thiopine having the general formula



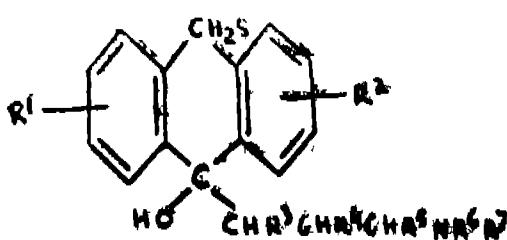
wherein R¹ and R² (being the same or different, in any position of the aromatic nuclei) stand for a hydrogen atom, an alkyl-, alkoxy-, aryl, aralkyl-, or alkylmercapto group, or a halogen atom, and R³, R⁴, and R⁵ stand either for hydrogen atoms, in which case R⁶ and R⁷ stand for lower alkyl residues having 1 to 4 carbon atoms which in the given case may form, linked together, an alkylene chain, interrupted as the case may be with an oxygen or nitrogen atom which may be substituted with a lower alkyl residue having 1 to 4 carbon atoms or two of the R³, R⁴ and R⁵ substituents stand for hydrogen atoms, and the third one linked with R⁶ form an unbranched alkylene chain with 2-4 carbon atoms, whereas R⁷ stands for a lower alkyl residue as defined before, and salts thereof, characterized in that a compound of the general formula shown in Fig.



wherein R¹ and R² stand for the same as in the formula I, is made to react with a Grignard reagent of the general formula.



wherein R³ to R⁷ stand for the same as in the formula I, and Hal signifies a halogen atom, preferably chlorine, whereupon the compound thus obtained, having the general formula IV shown in Fig.



wherein R³ to R⁷ stand for the same as in the formula I, is dehydrated using dehydrating agents and the product obtained converted to a salt preferably acid salt by reacting with necessary acid.

CLASS 55E.

100717.

METHOD OF ISOLATING THE ANTIBIOTIC CRUDE GRISOFULVIN FROM A METHYLENE CHLORIDE EXTRACT.

LEI INGRADSKY NAUCHNO-ISSLEDOVATELSKY INSTITUTE ANTIBIOTIKOV, LENINGRAD, PROEZD OGORODNIKOVA, 23, USSR.

Application No. 100717 filed July 21, 1965.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims. No drawings.

A method of isolating crude griseofulvin from a methylene chloride extract by partially evaporating the extract, clarifying said extract with acid wood charcoal, filtration, washing with methylene chloride and crystallization of the crude griseofulvin, characterized in that after evaporating and prior to being clarified with wood charcoal, the extract is cooled.

CLASS 32F₆ & 55E.

111188.

METHOD FOR THE PREPARATION OF NOVEL SUBSTITUTED AMMONIUM BASIC ADDITION SALTS OF RIBONUCLEIC ACID.

INTERNATIONAL CHEMICAL AND NUCLEAR CORPORATION, AT 13332 EAST AMAR ROAD, CITY OF INDUSTRY, CALIFORNIA, UNITED STATES OF AMERICA.

Application No. 111188 filed June 21, 1967.

Convention date May 25, 1967 (148913/67) New Zealand.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims. No drawings.

A method for the preparation of novel basic addition salts of ribonucleic acid which comprises neutralizing ribonucleic acid with substituted organic amines selected from the group consisting of primary and secondary amines wherein the substituents are alkyl, hydroxyalkyl, or carboxyalkyl, said constituents containing from one to about four carbon atoms.

CLASS 32F₆+F₄.

111963.

PROCESSES FOR THE PREPARATION OF STEROID COMPOUNDS.

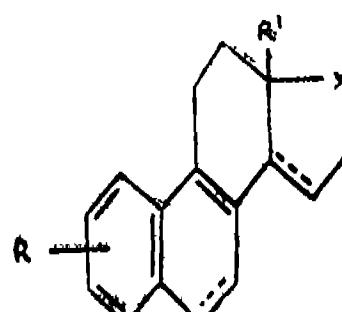
AMERICAN HOME PRODUCTS CORPORATION, OF 685 THIRD AVENUE, NEW YORK 17, NEW YORK, UNITED STATES OF AMERICA.

Application No. 111963 filed August 16, 1967.

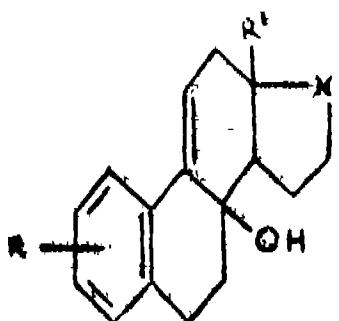
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A process for the preparation of a steroid compound of general formula I.



where R^1 is a lower alkyl group, R is a hydrogen atom, or a hydroxy, lower alkoxy, lower alkyl, or a lower alkanoyloxy group, X is a carbonyl, hydroxymethylene, lower alkanoyloxy-methylene, lower alkoxy-methylene or lower alkyleneoxy-methylene group and the nucleus contains a double bond in the 6- or 14-positions, in which a compound of general formula .



where R, R^1 and X are as defined above, is dehydrated with an acid to give a product containing the gona-1, 3, 5(10), 6, 8-pentaene, and where the groups R and X in the product of any of the above processes are not the ones required, these are produced by one or more appropriate conventional subsequent steps of oxidation, esterification, etherification, ketalisation reduction, de-etherification, de-esterification or deketalisation as described herein.

CLASS 32F...

120215.

PRODUCTION OF 2, 3, 6-TRIMETHYLPHENOL.

BADISCHE ANILIN- & SODA-FABRIK AKTIENGESELLSCHAFT, AT 6700 LUDWIGSHAFEN, FEDERAL REPUBLIC OF GERMANY.

Application No. 120215 filed March 7, 1969.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A process for the production of 2, 3, 6-trimethylphenol wherein diethylketone is reacted in the presence of a basic reagent with crotonaldehyde or methyl vinyl ketone or a compound which in the presence of a basic reagent is converted into crotonaldehyde or methyl vinyl ketone, and the 2, 3, 6-trimethyl-2-cyclohexen-1-one or 2, 3, 6-trimethyl-2-cyclohexen-1-one obtained is dehydrogenated by a method such as herein defined.

CLASS 32F₁+F₂.

121357.

PROCESS FOR THE PREPARATION OF STEROID OXAZOLINE DERIVATIVES.

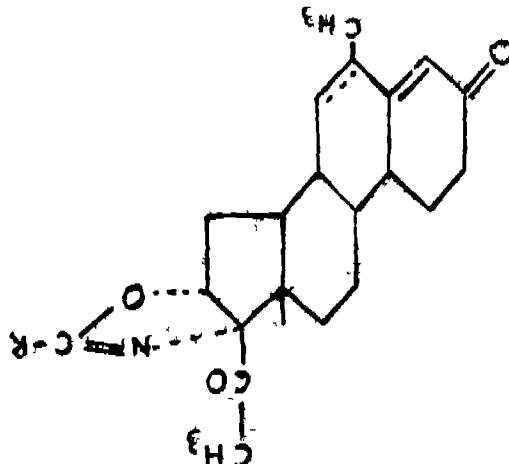
GRUPPO LEPESTIT S. P. A. OF VIA ROBERTO LEPESTIT 8, MILAN ITALY.

Application No. 121357 filed May 15, 1969.

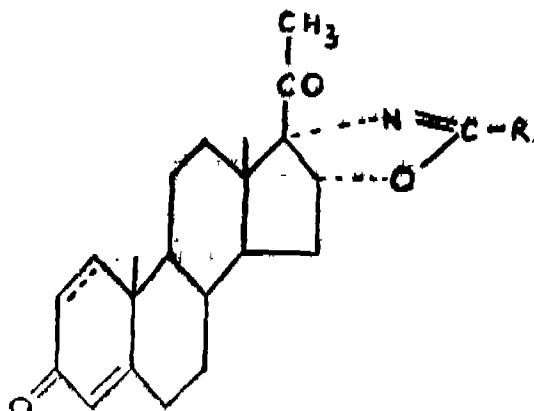
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

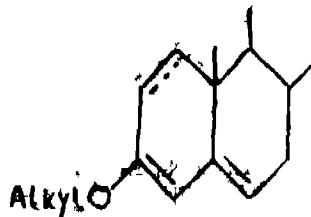
A process for preparing a steroid oxazoline compound of the formula shown in Fig.



wherein R is a member of the class consisting of hydrogen, alkyl and aryl, the dotted line represents an optional additional bond at position 6, which comprises reacting a compound of the formula shown in Fig.



wherein R has the the above significance with a tri-lower alkyl orthoformate in the presence of p-toluenesulphonic acid in an organic solvent, contacting the obtained 3, 5-diene-3-alkoxy-derivative of the partial-formula shown in Fig.



with phosgene in dimethylformamide, whereby a formyl group is introduced at position 6, reducing the 6-formyl-derivative with cyclohexane in the presence of palladium on charcoal as the catalyst and optionally dehydrogenating the formed 6-methyl-4-ene-steroid into the corresponding 4, 6-diene, by means of an overequimolecular amount of chloranil.

CLASS 32F₁, F₁+F₂.

126532.

PROCESS FOR PREPARING RACEMIC PGE₂, RACEMIC PGE_{2a}, RACEMIC PGF₂, RACEMIC PGF_{2a}, RACEMIC PGA₂, RACEMIC PGB₂, AND ANALOGS OF THOSE.

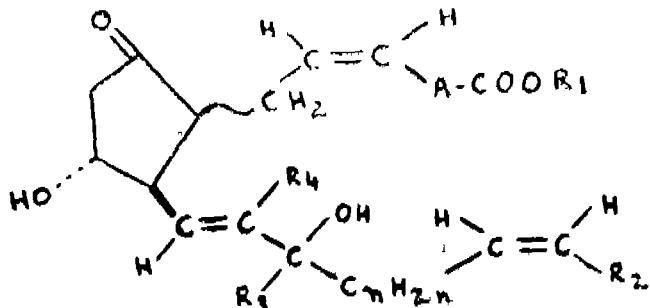
THE UPJOHN COMPANY, OF 301 HENRIETTA STREET, KALAMAZOO, MICHIGAN, UNITED STATES OF AMERICA.

Application No. 126532 filed May 5, 1970.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

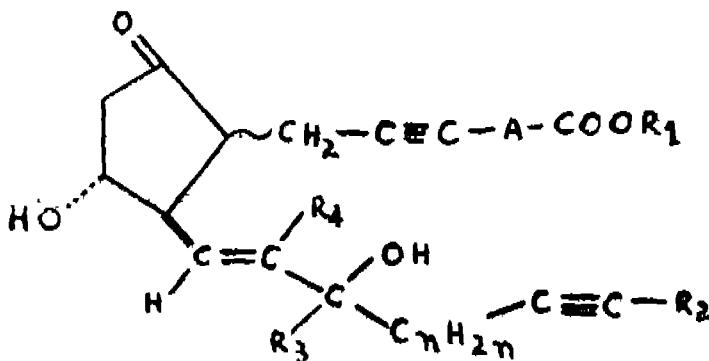
A process for preparing compounds of the formula VIII



wherein R₁ is hydrogen, alkyl of one to 8 carbon atoms, inclusive, cycloalkyl of 3 to 10 carbon atoms, inclusive, aralkyl of 7 to 12 carbon atoms, inclusive, phenyl, phenyl substituted with one to 3 chloro or alkyl of one to 4 carbon atoms, inclusive, or ethyl substituted in the β-position with 3 chloro, 2 or 3 bromo, or 1, 2 or 3 iodo; wherein R₃ is alkyl of one to 4 carbon atoms, inclusive, substituted with zero to 3 fluoro; wherein R₄ and R₅ are hydrogen or alkyl of one to 4 carbon atoms, inclusive; wherein n is an integer of one to 4, inclusive; wherein A is alkylene of one to 10 carbon atoms, inclusive, substituted with zero to 2 fluoro, and with one to 5 carbon atoms, inclusive, between -COOR₁ and =C/H₂, and wherein

~ indicates attachment of the -CH₂-C=C-A-COOR₁ moiety

to the ring in alpha or beta configuration, and pharmacologically acceptable salts thereof wherein R₁ is hydrogen, which process comprises subjecting a compound of the formula XXVI in Fig. 4



or its mirror image, wherein R₃, R₄, R₅, R₆, A, n and ~ are as defined above, to hydrogenation of the acetylenic unsaturation in known manner, as herein defined and if desired, treating the resulting compound with an acid or a base to obtain the corresponding dehydro derivatives, or to obtain pharmacologically acceptable salts thereof when R₁ is hydrogen.

CLASS 32F₂.

132432.

PROCESS FOR THE PREPARATION OF NEW DERIVATIVES OF THIOPHENE ACETIC ACID.

ROUSSEL-UCLAF, OF 35, BOULEVARD DES INVALIDES, 75, PARIS VII, FRANCE.

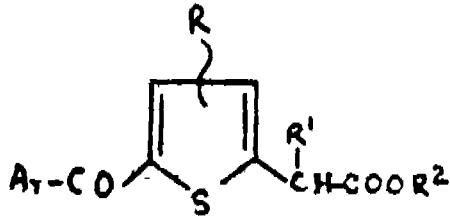
Application No. 132432 filed August 9, 1971.

Convention date November 5, 1970 (21910/70) Australia.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

28 Claims.

A process for the preparation of a thiophene-acetic acid derivative of general formula

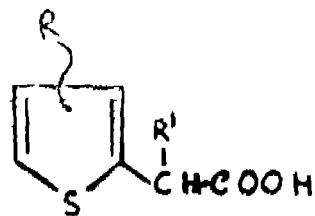


wherein: R represents a hydrogen atom or an alkyl radical containing from 1 to 4 carbon atoms;

R¹ represents a hydrogen atom or a straight-or branched-chain alkyl radical containing from 1 to 4 carbon atoms;

R² represents a hydrogen atom; and

Ar represents a substituted or unsubstituted phenyl radical, a cyclohexyl radical, or a heterocyclic residue, in which an acylating agent derived from an acid of the formula Ar-COOH (wherein Ar is as defined hereinbefore) is reacted, in the presence of a Lewis acid, with a compound of the general formula



(wherein R and R¹ are as defined hereinbefore) to give the desired thiophene-acetic acid derivative.

CLASS 94G.

133634.

A MILL OPERATING ON FLUID ENERGY.

INDIAN INSTITUTE OF TECHNOLOGY, I.I.T. P.O., MADRAS-36, INDIA.

Application No. 133634 filed November 16, 1971.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

6 Claims

A mill operating on fluid energy comprising a curved grinding chamber having feeding and discharge ends; a plurality of nozzles provided for, and opening into, said grinding chamber at its outer curved periphery; a source of compressed air for supplying said air, through said nozzles, to said grinding chamber; means for regulating the supply and pressure of said air; a feed injector for injecting the material to be ground into the grinding chamber with the aid of compressed air from said source, the arrangement being such that the coarser particles of said material are constrained to move towards the nozzles, get accelerated by the jets of air issuing therefrom and collide with the particles of said material moving with the main stream in said grinding chamber, to result in size reduction; an uptake pipe provided at the discharge end of said grinding chamber for enabling the particles of said material, leaving the grinding chamber, to travel upwards through said pipe, a curved classification chamber for receiving the particles from said uptake pipe and causing the particles of greater size to move near the outer curved periphery of said chamber; a cyclone separator communicating with the said classification chamber for receiving particles of lesser size from said chamber and a downtake pipe provided at the feeding end of said grinding chamber for enabling the said particles of greater size from said classification chamber to return to said grinding chamber and join fresh material from the said feed injector, to repeat the cycle.

CLASS 139C

134156

PROCESS FOR MANUFACTURE OF BROMINE FROM BITTEN (MOTHER LIQUOR LEFT AFTER THE RECOVERY OF SALT).

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 134156 filed January 1, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim

A process for the manufacture of bromine from bitters with density of (28° to 36°Be') which is the mother liquor left after the recovery of salt, comprising simultaneous chlorination and steam distillation of acidified hot bitters (pH 3 to 5 and temperature 70 to 100°C) in a packed tower with 6 to 8 meters packed height and liquid/gas ratio by weight of 10 to 30, the liberated bromine along with steam being condensed in a tapered tantalum condenser wherefrom the crude bromine is fed to a purifier (distillation column having a packed height of 1 to 3 meters) to produce technical grade bromine through a gravity separator from which bromine water continuously decants back to the tower.

CLASS 98-I & 201D

134415.

A PROCESS FOR PRODUCTION OF HIGH PURITY WATER BY SOLAR STILLS

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 134415 filed January 29, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A process for the production of high purity water by heating saline water by solar energy in solar stills comprising a basin in which the saline water is kept and glass sheets as covers for the basin and condensing the vapours on the underside of the glass covers characterised in that the heating is done in solar stills having black floor of plastic film, cement concrete or brick masonry, wherein the glass sheets are fixed at angles 10° to 60° with horizontal axis at lower edge of glass sheets as the cover and the glass sheets rest on an aluminium tee at top edge, wherein saline water depth varies between 2 to 30 cms, and high purity water is collected at the lower edges of the glass sheets in aluminium collection channels.

CLASS 92A+D.

135064.

AN INOCULATION COATING COMPOSITION FOR COATING OF LEGUME SEEDS

DIRECTOR, INDIAN AGRICULTURAL RESEARCH INSTITUTE, NEW DELHI-12

Application No. 135064 filed March 27, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims. No Drawings

An inoculation coating composition for coating seeds of legume plants comprising a binding material 10-20 per cent, a bacteria nutrient 5-10 per cent, a dispersing agent 0.1-0.5 per cent and a trace element 0.6-1 per cent.

CLASS 154D

135322.

A SERIAL PRINTER HAVING A CARRIAGE INCREMENTAL STEPPING MECHANISM.

INTERNATIONAL TELEPRINTER COMPOSITION, OF 493 WASHINGTON AVENUE, CARLSTADT, NEW JERSEY, UNITED STATES OF AMERICA.

Application No. 135322 filed April 18, 1972.

Convention date April 19, 1971/(26480/71) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

In a serial printer a carriage incremental stepping mechanism comprising .

- (a) a carriage carrying a printing mechanism,
- (b) guide means to guide the carriage across the print surface along a straight line and a carriage return spring to return the carriage,
- (c) three solenoid controlled pawls pivotally mounted on the carriage,
- (d) three linear racks with ratchet teeth, the teeth of each rack engaged by one of said pawls,
- (e) two of said racks oscillating continuously through a stroke of one character width and the third rack remaining stationary,
- (f) said two oscillating racks moving in opposite phases,
- (g) said solenoids controlling the engagement of said pawls in said ratchet teeth to control the positioning of said carriage,
- (h) electronic circuitry to accept incoming character signals in random intervals, store said signals, and cause the printer to selectively print,
- (i) said electronic circuit controlling the operation of each of the pawl activating solenoids in synchronism with the oscillating motions of the moving racks, whereby an incoming signal causes the carriage to selectively increment one character space.

CLASS 56B, 140A, 144-B & 202-C.

136349.

MICROWAVE CIRCUITS.
NIPPON HOSO KYOKAI OF NO. 2-3, 2-CHOME, UCHISAIWAI-CHO, CHIYODA-KU, TOKYO, JAPAN.

Application No. 1180/Cal/73 filed May 19, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A microwave circuit comprising a waveguide, a conductive flat member arranged inside the waveguide in parallel with its E-plane to form a cut-off region, and a plurality of circuit elements including any of slot circuits and strip lines constructed on said conductive flat member, whereby desired functions are provided both by coupling between a plurality of the circuit elements each other and by coupling between said circuit elements and transmission region of said waveguide.

CLASS 56B, 140A, 144-B & 202-C.

136349.

PROCESS FOR THE PREPARATION OF FLUOR-CARBON WAXES.

FARBWERKE HOECHST AKTIENGESELLSCHAFT VORMALS MEISTER LUCIUS & BRUNING, OF 45, BRUNINGSTRASSE, FRANKFURT/MAIN, FEDERAL REPUBLIC OF GERMANY.

Application No. 833/72 filed July 11, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims No drawings

A process for the preparation of fluorocarbon waxes by thermal cracking of polytetrafluoroethylene or copolymers of tetrafluoroethylene and higher perfluoroolefins such as herein described at a temperature in the range of from 350° to 700°C and a partial pressure of the degradation products of from 45 to 100 atm/g wherein the cracking is carried out under the additional influence of shearing and friction forces in a manner such as herein described.

CLASS 1A & 484.

136150

THERMOSETTABLE PRESSURE SENSITIVE ADHESIVE TAPE

WESTINGHOUSE ELECTRIC CORPORATION, OF PITTSBURGH PENNSYLVANIA, UNITED STATES OF AMERICA

Application No. 629/72 filed June 21, 1972

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta

6 Claims

A thermosettable pressure-sensitive high temperature adhesive tape comprising a fibrous supporting member coated on at least one side with a composition comprising (i) a partially cross-linked highly aromatic saturated polyester consisting essentially of the reaction product of from 25 to 65 weight per cent of at least one saturated aliphatic trihydric polyol containing from 2 to 10 carbon atoms per molecule from 3 to 35 weight percent of at least one aliphatic difunctional acid containing from 4 to 14 carbon atoms per molecule, from 25 to 55 weight percent of a polycarboxylic acid derivative of a benzene aromatic component containing from 8 to 12 carbon atoms per molecule, and from 9 to 15 weight percent of a hydroxy derivative of a benzoic acid aromatic component containing from 7 to 8 carbon atoms per molecule, and (ii) up to 60 weight percent finely divided mineral filler, based on the solids content of the polyester, and said tape having a thermal endurance over about 180°C.

CLASS 20-A

136351

METHOD OF FORMING CASED BOOKS AND CASED BOOKS MADE THEREBY

ABILDGAARD LABORATORIES, INC., OF 857 MAUDE AVENUE, MOUNTAIN VIEW, CALIFORNIA 94040 UNITED STATES OF AMERICA

Application No. 1714/Cal/73 filed July 21, 1973

Division of application No 132218 filed July 23, 1971

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta.

14 Claims

A method of forming a cased book comprising forming an uncased book formed of sheets said book having front and back end leaves having pressure-sensitive material on its outer surface, providing a case for said uncased book having a flexible spine cover and relatively inflexible front and back covers connected thereto, positioning said uncased book relative to said case with the spine of said uncased book centered relative to said spine cover and causing said front and back end leaves to adhere to the insides of said front and back covers, respectively, by applying pressure to said pressure-sensitive material.

CLASS 32F.

136352

PROCESS FOR PREPARING STEROID OMAZOLINE DERIVATIVES

GRUPPO LÉPÉTIT S.P.A., OF VIA ROBERTO LEPETIT 8, MILAN ITALY

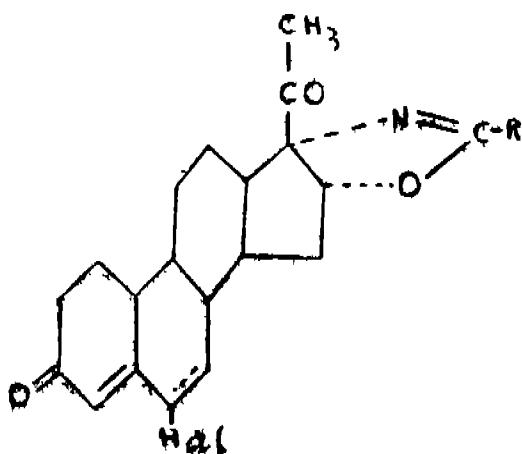
Application No. 1412/Cal/73 filed June 16, 1973

Division of Application No. 121357 filed May 15, 1969

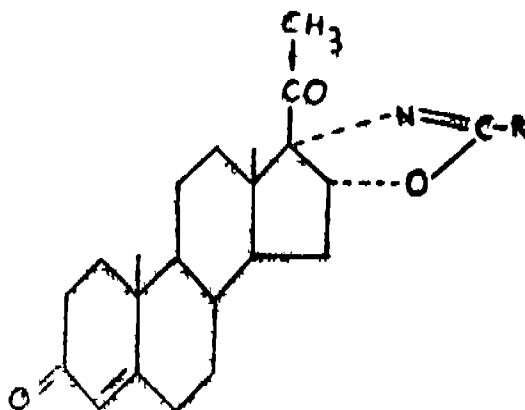
Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

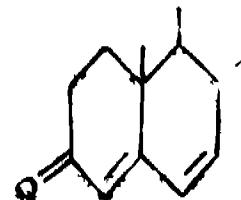
A process for preparing a compound of the formula shown in Fig 1



wherein R is a member of the class consisting of hydrogen, alkyl and phenyl. Hal is fluorine and chlorine, and the dotted line represents an additional optional bond at position 6, which comprises dehydrogenating a compound of the formula shown in Fig 2



wherein R has the above significance with an overequimolar amount of chloranil in an organic solvent, reacting the obtained 4, 6-diene of the partial formula shown in Fig. 2



with an excess of monopropiophthalic acid and contacting the corresponding 6, 7-epoxy-steroid with an agent selected from hydrogen chlorine and hydrogen fluoride in an organic solvent.

CLASS 63C.

136353

A COVER OR LID PROVIDED WITH BRUSH HOLDERS FOR LOW POWER ELECTRIC COMMUTATOR MOTORS

FABBRICA ITALIANA MAGNETI MARELLI S.P.A., OF VIA GUASTALIA, 1-MILANO, ITALY

Application No. 832/72 filed May 18, 1972

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A cover or lid provided with brush holder for low power, electric commutator motors provided with a supporting bush and brush holder plate of electrically insulating material, characterized in that the brush holder plate (B) is retained to the cover or lid (A1) by at least two rivets (K) moulded on site of resilient thermoplastic material restraining said brush holder plate (B) to said cover or lid.

CLASS 205H 136354.

IMPROVEMENTS IN OR RELATING TO PNEUMATIC TYRES FOR AEROPLANES

DUNLOP LIMITED, OF DUNLOP HOUSE, RYDER STREET, ST. JAMES'S, LONDON, S.W. 1, ENGLAND.

Application No. 116/72 filed May 3, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

A tyre of the type specified hereinbefore comprising a carcass and a tread portion having interposed there between a breaker assembly said assembly consisting of at least one ply of rubberised parallel thread or cord fabric the threads or cords of the fabric being disposed at an angle to the mid-circumferential plane of the tyre, the or each ply being disposed substantially symmetrically with respect to said plane and being of a width not greater than two thirds of the width of the tread portion.

CLASS 159G, 133A & 206E. 136355.

AN ELECTRONIC DEVICE FOR SPEED SIGNALLING IN A D.C. MOTOR.

FABBRICA ITALIANA MAGNETI MARELLI S.P.A., OF VIA GUASTALLA, 2-MILANO, ITALY.

Application No. 30/72 filed April 24, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

An electronic device for continuously monitoring and determining the speed of a d.c. motor coupled to an alternating signal source of a first frequency and wherein use is made of two voltage signals, of which one is proportional to the current drained by the motor, and the other is proportional to the motor supply voltage, characterized in that for measuring the speed of a d.c. motor with separate excitation said electronic device comprises :

first means for converting the output of said signal source into a signal of a higher frequency and reduced amplitude relative to the output of said alternating signal source, said reduced amplitude being proportional to the amplitude of the output of said alternating signal source ;

second means coupled to said motor for converting the magnitude of current drawn by said motor into a d.c. signal whose level is proportional to the magnitude of current drawn by said motor;

third means having first and second inputs for receiving and logarithmically summing the outputs of said first and second means;

means for filtering the output of said third means for generating a signal whose amplitude is proportional to motor speed.

CLASS 34A 136356.

PROCESS FOR THE MANUFACTURE OF DISCONTINUOUS FIBRILS.

SOLVAY & CIE, OF RUE DE PRINCE ALBERT, 33, B-1050 BRUSSELS, BELGIUM

Application No. 1072/72 filed August 4, 1972

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

Process for the manufacture of discontinuous fibrils by the abrupt pressure release of a two-phase liquid mixture of molten polymer and solvent which is at elevated temperature and pressure so as to bring about the instantaneous vapourisation of the solvent and the solidification of the said polymer, characterised by the fact that a make-up fluid is introduced into the said two-phase liquid mixture before the pressure release is complete.

CLASS 32F_{ab}.

136357.

PROCESS FOR PREPARING 2-NITRO-5-IMIDAZOLALDEHYDE DERIVATIVES.

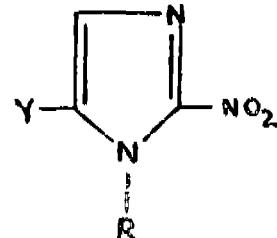
GRUPPO LEPETIT S.P.A., OF 8, VIA ROBERTO LEPE TIT, MILAN, ITALY.

Application No. 858/72 filed July 13, 1972.

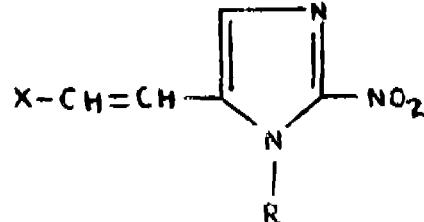
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A process for preparing a compound of the formula I.



wherein Y is CHO, CH₃CO, and formylvinyl which comprises submitting to oxidative cleavage a vinyl derivative of the formula II.



wherein R has the same meaning as above and X may be hydrogen, alkyl, aryl, or an heterocyclic radical, with a mild oxidizing agent to form 1-lower alkyl-2-nitro-5-imidazolaldehyde, when Y is required to be CH₃CO reacting the 5-imidazolaldehyde with diazomethane and when Y is required to be formylvinyl reacting the 5-imidazolaldehyde with acetaldehyde in the presence of a strong base

CLASS 136C.

136358.

METHOD AND HOT DIE FOR EXTRUDING TUBULAR SECTIONS.

ARMOSIG, OF 22 AVENUE DE LA JONCHERE, 78, LA CLEILLE-SAINT-CLOUD, FRANCE

Application No. 588/72 filed June 17, 1972

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A hot die as herein before defined in which the cross-section of the passage in the lip portion first progressively decreases towards the outlet of the hot die and then has a cross-section which is constant, the internal diameter of the passage of the lip portion first increasing and then remaining constant, in the direction in which the plastics material is intended to flow through the die during extrusion, and the external diameter of the passage of the lip portion remaining constant at least over a major part of its length.

CLASS 70A.

136359.

CONTROL BRIDGE FOR CONTROL OF AN ELECTROLYTIC CELL.

KREBS & CO. LTD., OF CLARIDENSTRASSE 20, 8002 ZURICH, SWITZERLAND.

Application No. 640/72 filed June 21, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A control bridge for control of an electrolytic cell comprising a polarizing voltage in series with a dynamic resistance as one branch of the bridge, the second branch formed by a precision resistance adapted to be connected to the current terminal and the dynamic resistance, a compensating resistance forming the third branch of the bridge connected to the fourth branch formed by an adjustable resistance and a reverse grid in series with one another, and a null indicator interposed between the branches of the bridge to indicate whether the bridge is in balance or not.

CLASS 27C & 136 E.

136360.

PROCESS FOR THE MANUFACTURE OF REINFORCED CONCRETE SLABS AND APPARATUS THEREFOR.

MODULBAU AG., OF HOHENWEG 22, ZUG, SWITZERLAND.

Application No. 30/Cal/73 filed January 4, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims.

A process for the manufacture of reinforced concrete slabs, in which several separate slabs are produced simultaneously in a multi-mould wherein each slab is produced standing on a girder, has the mould opened after a period of time sufficient for the concrete to be pre-hardened to the standing strength of the slab, is removed from the mould using the girder and is hardened to its hanging strength supported on the girder.

CLASS 123 & 164A+C.

136361.

METHOD FOR TREATING A MIXTURE OF REFUSE AND/OR MUD TO PRODUCE COMPOST SOIL AND PLANT FOR CARRYING OUT SAID METHOD.

JOSEPH RICHARD KAELIN, OF VILLA SEEBURG, 6374 BUOCHS, SWITZERLAND.

Application No. 789/72 filed July 6, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims.

Method for treating a mixture of refuse and/or mud to produce compost soil characterised in that the material for treatment is loaded into a treatment chamber from above, and then passed through in a continuous manner from one side wall of the treatment chamber to the opposite side wall of the same with at least one flow of gas or a gas mixture supporting biological decomposition the treated material being discharged on the underside of the treatment chamber with the result that the material for treatment is passed through the treatment chamber automatically in a vertical direction from top to bottom.

CLASS 181.

136362.

STATIONARY MECHANICAL SEAL.

NEOFABRICO, OF 15, SOUTHERN AVENUE, CALCUTTA-26, WEST BENGAL, INDIA.

Application No. 600/Cal/73 filed March 16, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim.

A stationary mechanical seal comprising a sleeve mounted on a rotating or sliding shaft, said sleeve on its outer surface having a hexagonal head at one end and thread at the other end, a flange seating mounted on the outer surface of said sleeve, said flange seating having cylindrical portion and flange at one end of its outer surface, said flange having groove and collar at its one face, said collar having thread at its outer surface, a base ring mounted on said shaft, said base ring having inside surface stepped and thread formed in the large diameter portion thereof a thrust ring having a right angle cross-section mounted on the outer surface of said flange seating, a circular spring fitted around said flange seating in between said groove on said flange and said thrust ring, a leakage preventing sealing mean made of hard carbon mounted around said sleeve with a gap there between and placed on said base ring, a step formed in the inside surface of said hard carbon sealing mean, sealing ring made of P.T.F.E. fitted in the said step of hard carbon sealing mean, said P.T.F.E. sealing ring in its inside surface being stepped such that the portion with smaller diameter contacting the outer surface of the sleeve and the portion having greater diameter fitting over said flange seating, a rubber seal ring fitted around said P.T.F.E. sealing ring and placed on top of said hard carbon sealing mean, said rubber seal ring having right angle cross-section, a ferrule fitted around said hard carbon sealing mean and said rubber seal ring, said ferrule being cylindrical in shape and having taper at a portion of its inside surface, a locating ring having right-angle cross-section mounted on top of said ferrule, a rubber seal ring having circular cross-section placed on said locating ring, one end of said thrust ring touching said rubber seal ring having circular cross-section, and a casing enclosing the aforesaid parts and screwed to said thread of said collar, wherein said sleeve on being screwed into said base ring pushes said flange seating axially pressing thereby said spring which in its turn exerts pressure on the said sealing means fitted in between said base ring and said thrust ring reducing thereby the area of leakage path to an optimum value.

CLASS 101F.

136363.

SYSTEM FOR COLLECTING WATER IN ARID OR DESERT REGIONS.

KARUNAKARA RAJA GOPALA MENON, OF 30B, PANDITYA ROAD, CALCUTTA-29, INDIA.

Application No. 771/Cal/73 filed April 4, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A system for collecting water in arid or desert regions comprising a plurality of vessels made of a metal or alloy of identical or similar shape spaced from each other in a vertical column, each vessel being arranged to discharge the moisture condensed therein into the vessel immediately below, the lower most vessel being connected by a pipe to an underground heat insulated tank, and means for drawing off the water collected in the tank.

CLASS 32F₁+F_{2b}.

136364.

PROCESS FOR THE PRODUCTION OF NEW HETERO-CYCLIC ACYLMINO CONTAINING SULPHONYL UREAS.

BAYER AKTIENGESELLSCHAFT, FORMERLY KNOWN AS FARBNENFABRIKEN BAYER AKTIENGESELLSCHAFT, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

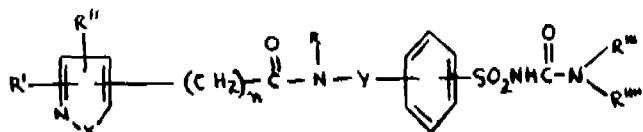
Application No. 859/Cal/74 filed April 17, 1974.

Division of Application No. 118264 filed October 24, 1968.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A process for the production of a compound of the formula shown in Fig 1

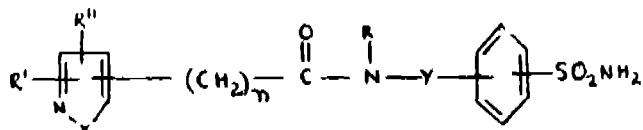


in which R is hydrogen or alkyl

R' and R'' are each individually hydrogen, halogen, alkyl, or aryl, aralkyl or cycloalkyl unsubstituted or substituted by halogen, alkyl, alkoxy or trifluoromethyl,

R''' and R'''' are each individually hydrogen, alkyl, hydroxyalkyl, alkoxyalkyl, phenoxyalkyl, unsubstituted or alkyl-substituted cycloalkyl, cycloalkyl-alkyl, bicycloalkyl, bicycloalkylalkyl, tricycloalkyl, tricycloalkylalkyl, tetracycloalkyl or tetracyclo-alkylalkyl, aryl or aralkyl unsubstituted or substituted by halogen alkyl, alkoxy or trifluoro-methyl, or together, with the adjacent nitrogen atom, a monocyclic or polycyclic radical having one or more hetero atoms and which are unsubstituted or alkyl substituted,

X is oxygen, sulphur, nitrogen substituted by hydrogen or alkyl, alkyl, aryl or aralkyl unsubstituted or substituted by halogen, alkyl, alkoxy or trifluoromethyl, Y is a direct bond, straight chain or branched alkylene of 1 to 8 carbon atoms, and n is a whole number between 0 and 4, which comprises reacting an arylsulphonamide of the formula shown in Fig 2



wherein R, R', R'', X, Y and n have the meanings as stated above, as such or in the form of an alkali metal salt with an amine of the formula B-CO-NR''' R'''' (in which R''' and R'''' are as defined above) or when R''' is hydrogen, with an isocyanate O=C=N-R'''' (in which R'''' is as defined above), in which B is a radical which reacts in the course of the reaction with a hydrogen atom of the sulphonamide group or the alkali metal atom M of the corresponding sulphonamide alkali metal salt with the elimination of HB or MB, wherein

B is halogen, azido, alkoxy, aryloxy, alkylmercapto, arylmercapto group, or unsubstituted or substituted amino, cyclic amino or acylamino group.

CLASS 87E

136365

ROCKING ACTION BALL BUMPER.

PRAMOD POPATLAL PUNATER, AT 61, MONA-LISA, BAMANJI PETIT ROAD, NEAR PARSEE GENERAL HOSPITAL, BOMBAY-400026, MAHARASHTRA INDIA.

Application No 560/72 filed June 15, 1972

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch

4 Claims

In a rocking action ball bumper, a wafer structure providing a linear actuating force for the switch means and comprising, namely a wafer member having a central opening, an elongated switch actuating pin fitting loosely at its upper end in said opening in such manner that the wafer can tilt relative to the axis of the pin when engaged by a ball, said pin having circumambient radially-extensive protrusions spaced apart axially near its upper end and radially larger than the diameter of said opening whereby the pin is loosely captured therein, spring means urging the pin into a normally elevated position and said pin urging the wafer into a normal position

in a plane substantially at right angles to the pin axis, and means circumambient of upper and lower end portions of the pin constraining the same to a linear movement responsive to a tilting of the wafer from normal position as aforesaid, the lower end of said pin being exposed for operative engagement with a desired switch actuating member

CLASS 71F, G & 131B_{3u}

136366.

TUNNELING MACHINE

ATLAS COPCO AKTIEBOLAG, OF NACKA, SWEDEN

Application No 576/72 filed June 16, 1972

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

7 Claims

A tunnelling machine for working the tunnel front wall by making slots therein and by dislodging remaining parts of said wall intermediate said slots, said slots being cut by eroding high speed liquid jets, characterised by a main frame movable on the tunnel floor, one or more cutting units movably arranged relative to said main frame, each of said cutting units comprising a high pressure generator and a jet nozzle rigidly connected to said high pressure generator, a pressure fluid source disposed on said main frame for actuating said high pressure generator of said one or more cutting units, said high pressure generator being constituted by a pressure intensifier of the differential piston type

CLASS 67C & 133A

136367

METHOD OF AND APPARATUS FOR CONTROLLING A SYNCHRONOUS MACHINE

SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, GERMANY (WEST)

Application No 713/72 filed June 29, 1972

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

24 Claims

An apparatus for controlling a synchronous machine which is fed by a frequency changer, the apparatus comprising means for deriving from such a synchronous machine a pair of signals which represent respective vector components defining the momentary position of the rotating field vector of the machine, and control signal producing means operable to produce a control signal for such a machine from said pair of signals and from two desired current values when supplied to the control signal producing means, said two desired current values being adjustable independently of one another, one governing the rotating stator current in m f vector component at right angles to the rotating field vector of the machine and the other governing the rotating stator current m m f vector component parallel to said field vector

CLASS 62C₁

136368.

PROCESS FOR THE DYEING OF SYNTHETIC FIBRE MATERIAL AND OF MIXTURES THEREOF WITH NATURAL FIBRE MATERIAL

CIBA OF INDIA LIMITED, OF AAREY ROAD, GOREGAON EAST BOMBAY 63, MAHARASHTRA STATE, INDIA

Application No 977/72 filed July 26, 1972

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch

8 Claims

A process for the dyeing of synthetic fibre material and of mixtures thereof with natural fibre material, said process comprising introducing the solution of at least one disperse dye stuff in an organic solvent, at the dyeing temperature, into a dyeing apparatus containing water at 50 to 150°C, optionally auxiliaries, and the fibre material to be dyed, and then finishing the dyeing, at 50 to 150°C optionally with partial or complete removal by distillation of the organic solvent during the dyeing process

CLASS 128K.

136369.

A WOUND CLIP APPLICATOR.

IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON, S. W. 1, ENGLAND.

Application No. 1105/72 filed August 8, 1972.

Convention date September 17, 1971 (43438/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A wound clip applicator comprising an elongated housing composed of two elongated sections providing a magazine for receiving a plurality of wound clips in stacked relationship the housing having a base, an opening for discharging the clips and containing a plunger for urging the clips towards the opening, and a pair of forceps arms swingably mounted at opposite sides of the housing and biased outwardly into a normal but limiting position, the forceps arms being provided with inwardly directed jaws to engage with the ends of the leading clip and including means for limiting the forward movement of the clips, such that upon compression of the forceps arms, the jaws drive the clip ends inwardly and effect closure of the clips and its removal from the magazine, wherein the two elongated sections forming the housing and the two forceps arms including the jaws constitute an integral structure in a single piece of thermoplastic material in which the two elongated sections and the two forceps arms are hinged to the base of the housing and are provided with means for interlocking the two elongated sections to form the housing and for interlocking the forceps arms to the housing.

CLASS 63E.

136370.

LIQUID COOLED ROTOR FOR DYNAMOELECTRIC MACHINES.

WESTINGHOUSE ELECTRIC CORPORATION, OF PITTSBURGH PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 1132/72 filed August 10, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A dynamoelectric machine including a rotor member in which said rotor member is provided with passages for circulation of a liquid coolant therethrough, said passages including an axial passage and opposed radial passages communicating with said axial passage and extending to the surface of the rotor member for discharging liquid therefrom, restrictor means for restricting the flow of liquid in said radial discharge passages, and vent means for venting gases from the region of the rotor member axis to the surface of the rotor member.

CLASS 116C & 126A.

136371.

A DAMAGE DETECTOR SYSTEM FOR MOVABLE BELT HAVING DRIVING MEANS.

THE GOODYEAR TIRE & RUBBER COMPANY, AT 1144 EAST MARKET STREET, AKRON, OHIO, UNITED STATES OF AMERICA.

Application No. 1214/72 filed August 19, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A damage detector system for a movable belt having a driving means, the system comprising:

- (A) a pair of magnetically coupled coils positioned in a fixed location adjacent the belt;
- (B) means responsive to the magnetic coupling of said pair of coils for developing a high frequency signal;

(C) means on the belt for varying the magnetic coupling in said pair of coils to affect the high frequency signal when the belt is damaged; and

(D) circuit means operatively connected with said signal developing means for providing indications representative of the State of the high frequency signal.

CLASS 80I & 151E+F.

136372.

METHOD FOR MANUFACTURING A PERFORATED TUBE.

WAVIN B. V., OF 251, HANDELLAAN, ZWOLLE, THE NETHERLANDS.

Application No. 1322/72 filed September 4, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A method for manufacturing a perforated tube having a lining of reinforced fibres and thermosetting resin comprising the following steps:

- (a) covering the wall of deformable core with a flexible material which is adapted to remain separated from said resin by providing a layer of wax and glass fibres in between the flexible material and the resin layer, wherein the said flexible covering material is provided with substantially rigid pin like projections, the projections being anchored in the flexible material and radically projected over the core;
- (b) providing reinforcing fibers and thermosetting resin on the cylindrical surface, reinforcing fibres and synthetic thermosetting resin being kept away from the free ends of the projections;
- (c) removing the core after at least partial polymerization of the thermosetting resin;
- (d) removing the flexible material by pulling the same from the tube to withdraw the pins from and leaving holes in the said tube, and curing the resin.

CLASS 129I.

136373.

A ROLLING MILL CONTROL.

WEAN UNITED, INC., OF 948 FORT DUQUESNE BOULEVARD, PITTSBURGH 22, STATE OF PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 1424/72 filed September 15, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A control for a rolling mill having a roll gap, including means for producing a first signal representing the required stretch of said mill for a desired thickness of product and roll gap, means for producing a second signal representing the actual stretch of said mill during rolling, means for comparing said first and second signals and producing a third signal representing the amount said required stretch differs from said actual mill stretch, and means for receiving said third signal and for effecting a change in the roll gap equal to said difference to produce a product of said desired thickness.

CLASS 132B1.

136374.

APPARATUS FOR THE CONTINUOUS MIXING OF GRANULAR MATERIALS.

PETTIBONE CORPORATION, OF 4700 WEST DIVISION STREET, CHICAGO, STATE OF ILLINOIS, UNITED STATES OF AMERICA.

Application No. 1634/72 filed October 11, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

An apparatus adapted to mix granular material characterized by an elongated mixing trough providing a longitudinal flow path and having a receiving and a discharge end, a pair of parallel companion shafts rotatable in said trough, a plurality of axially spaced sloping parallel interrupted-elliptical disk-like mixing blades on each shaft, the blades on the two shafts having equal but reverse pitch angles and being disposed in transverse pairs, said blades, in one position of the shafts, projecting predominately laterally in the same direction, the maximum radial projection of the blades from the shaft being slightly less than the distance between said shafts, and means for rotating said shafts in unison and in opposite directions whereby the blades of each pair traverse a common portion of said flow path alternately.

CLASS 108C.

136375.

PROCESS FOR REFINING LOW-PHOSPHORUS PIG IRON TO MAKE STEEL.

EISENWERK-GESELLSCHAFT MAXIMILIANSHUTTE M.B.H., OF 8458 SULZBACH-ROSENBERG, WEST GERMANY.

Application No. 2043/72 filed December 1, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims. No drawings.

A process for refining low-phosphorus pig iron in a converter in which below the surface of the melt in the refractory converter at least one composite tuyere is disposed, said tuyere consisting of a central tube and an outer tube, and introducing a stream of oxygen through said central tube into said pig iron melt and simultaneously introducing a liquid or gaseous protective agent through said outer tube such that said liquid or gaseous protective agent surrounds oxygen jet, and introducing lime powder into the melt in said stream of oxygen.

CLASS 104L.

136376.

METHOD OF LAP-JOINTING SHEETS OF NATURAL OR SYNTHETIC RUBBER OR PLASTICS MATERIAL.

CUFFLIN HOLDINGS LIMITED, OF DENESHILL ROAD, LOUND, RETFORD, NOTTINGHAMSHIRE, ENGLAND.

Application No. 339/Cal/73 filed February 16, 1973.

Convention date February 17, 1972 (7474/72) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A method of lap-jointing sheets of material of the type described which method comprises the steps of applying adhesive to one or both of the faces to be joined, placing one face over the other face to form a jointing seam, and rolling a vibratory compacting roller over the jointing seam.

CLASS 32F₂.

136377.

IMPROVED PROCESS FOR THE PRODUCTION OF FORMALDEHDE.

MONTECATINI EDISON S.P.A., OF 31, FORO BUONAPARTE, MILAN, ITALY.

Application No. 1238/Cal/73 filed May 26, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

An improved process for the production of formaldehyde by oxidation of methanol with air or with another oxygen-containing gas, at temperatures comprises between 200° and 400°C, in the presence of a catalyst containing metal oxides, characterized in that the feed stream is admixed, outside the reaction Stage with at least one portion of the

reaction product itself which comes directly from said reaction Stage and that at least one portion of the resulting mixture be directly conveyed to said reaction Stage.

CLASS 32F₁+F₂, & 55E₄.

136378.

PROCESS FOR THE PREPARATION OF IMIDAZOLE DERIVATIVES OF RIFAMYCIN.

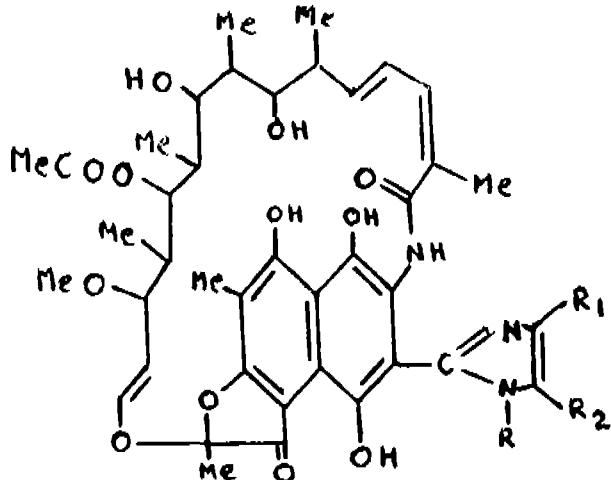
GRUPPO LEPETITI S.P.A., OF 8, VIA ROBERTO LEPETIT, MILAN, ITALY.

Application No. 2059/72 filed December 4, 1972.

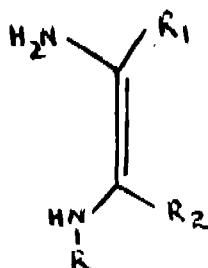
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim.

A process for preparing a 3-substituted rifamycin of the formula I.



wherein R represents hydrogen, lower alkyl, phenyl and phenyl-lower alkyl, R₁ and R₂ together represent a carbocyclic chain forming with the double bond of the adjacent imidazole moiety a benzene ring, a mono or poly-substituted benzene ring wherein the substituents are independently selected from lower alkyl, lower alkoxy, halo, carboxy, carbalkoxy, sulfo, sulfamoyl, nitro, trifluoromethyl, carbamyl, mono and di-lower alkyl-carbamyl, and methylenedioxy, a substituted or unsubstituted fused polynuclear aromatic rest including 2-3 condensed rings each of 5-6 carbon atoms and its 23-desacetyl and 16, 17, 18, 19, 28, 29-hexahydro derivatives which comprises condensing 3-formylrifamycin or its 23-desacetyl or 16, 17, 18, 19, 28, 29-hexahydro derivatives with a orthodiamine of the formula II



wherein R, R₁ and R₂ have the same meaning as given above, and treating the obtained compound with an hydrogen acceptor selected from air, cupric salts mercuric oxide, manganese dioxide, isoamyl nitrite, potassium ferricyanide and lead tetraacetate and when the obtained derivative is in the quinonic form reducing it to the corresponding hydroquinone with ascorbic acid.

CLASS 32F_{2a}.

136379.

PROCESS FOR PREPARING RIFAMYCIN SV INTERMEDIATE COMPOUND.

LEPETIT S.P.A.—GRUPPO PER LA RICERCA SCIENTIFICA E LA PRODUZIONE CHIMICA FARMACEUTICA, OF 8, VIA ROBERTO LEPETIT—MILAN—ITALY.

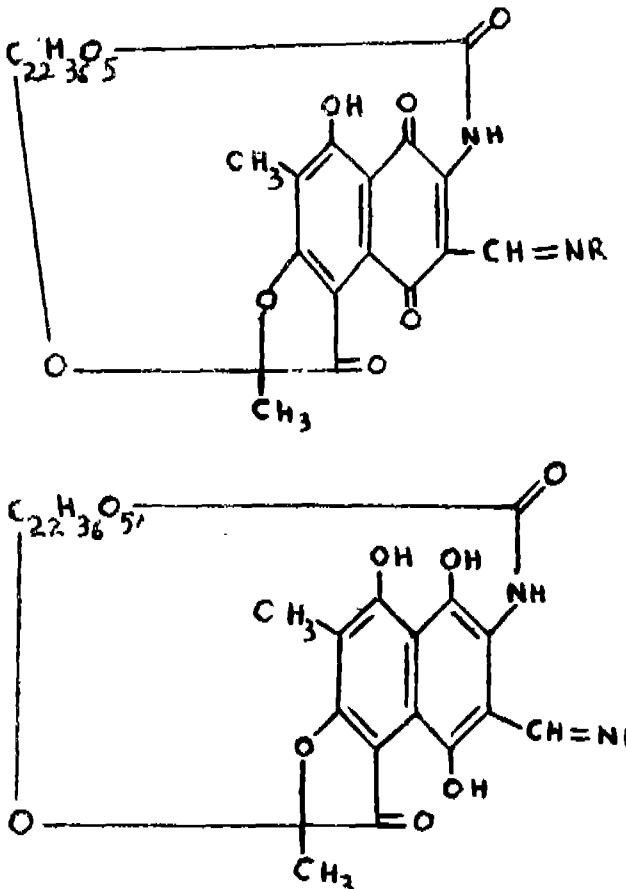
Application No. 10/Cal/73 filed January 2, 1973.

Division of Application No. 115991 filed May 20, 1968.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A process for preparing intermediates, useful for the preparation of 3-formyl-rifamycin SV derivatives, said intermediates having the structures as shown in Fig. 1 and Fig. 2.



wherein =NR is a radical derived from a primary aliphatic amine, the aliphatic portion of which has from 4 to 8 carbon atoms, which comprises contacting a substance selected from rifamycins S and SV with 1—4 equimolecular amounts of formaldehyde and a primary aliphatic amine, the aliphatic portion of which has from 4 to 8 carbon atoms, in equimolecular amounts, in the presence of an excess of the same primary amine, in a solvent at a temperature comprising between room temperature and the boiling temperature of the solvent, in the presence of an oxidizing agent, for a period of time of from 3 to 72 hours, whereby the above-indicated compound of the formula shown in Fig. 1 of the drawings is obtained, which is converted into the compound of the formula shown in Fig. 2 of the drawings by treatment with ascorbic acid and optionally converting the compounds of formula shown in Fig. 2 of the drawings into 3-formyl-rifamycin SV by acid hydrolysis, wherein =NR has the same significance as given above.

CLASS 63B.

136380.

LIQUID COOLED ROTOR FOR DYNAMO-ELECTRIC MACHINES.

WESTINGHOUSE ELECTRIC CORPORATION, OF PITTSBURGH, PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 1101/72 filed August 8, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A hynamoelectric machine including a rotor member, said rotor member having passages for circulation of a liquid coolant therethrough, said passages including an axial passage and opposed radial passages communicating with the axial passage and extending to the surface of the rotor member for discharging liquid therefrom, and restrictor means in each of said radial passages for regulating the flow of liquid therethrough and discharging the liquid in a non-radical direction opposite to the direction of rotation of the rotor.

PATENTS SEALED

80931 85127 92978 98651 101623 102233 110859 111003
114536 114931 115246 116099 122631 124896 125498 126702
126753 128153 129354 129728 129802 129937 130010 130248
130254 130278 130488 131062 131083 131312 121995 132447
132945 133160 133301 133325 133707 134374 134450 134703
134753 134860 134953 134956 134991 135007 135012 135341
135566 135583 135607.

AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

Notice is hereby given that Miles Laboratories, Inc., Manufacturers, a Corporation organized and existing under the laws of the State of Indiana, United States of America, doing business at 1127 Myrtle Street, Elkhart, Indiana, U.S.A. have made an application under Section 57 of the Patents Act, 1970 for amendment of application and specification of their application for Patent No. 76389 of "Diagnostic compositions". The amendments are by way of correction of the claims in the specification on file. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-100017 on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(2)

Notice is hereby given that E. I. Du Pont De Nemours & Company, a Corporation organized and existing under the laws of the State of Delaware, United States of America, of Wilmington, Delaware, U.S.A., have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 131833 for "Process for the preparation of novel 1-carbamoyl-N-carbamoyloxy formimidates". The amendments are by way of correction of the description in the specification on file. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the notice.

(3)

The amendments proposed by Bayer Aktiengesellschaft in respect of Patent application No. 128917 as advertised in Part III, Section 2 of the Gazette of India dated the 20th July 1974 have been allowed.

COMMERCIAL WORKING OF PATENTED INVENTIONS

The following patents in the field of Chemical industry are not being commercially worked in India as admitted by the patentees in the statements filled by them under Section 146(2) of the Patents Act, 1970, in respect of Calendar years 1972 and 1973, generally on account of want of requests for licences to work the patented inventions. Persons who are interested to commercially work the said patents may contact the patentee for the grant of a licence for the purpose.

Sl. No.	Patent No.	Date	Name and address of the Patentee	Brief title of the invention
1.	66270	29-12-1958	F. Hoffmann-La Roche & Co., 124-184, Grenzacherstrasse, Basle Switzerland.	Dihydroxycarotene compounds and esters thereof.
2.	66721	11-2-1959	— do —	Feed for birds.
3.	66816	23-2-1959	The Standard Oil Co., Midland Building, Cleveland-15, Ohio, U. S. A	Unsaturated aliphatic nitriles.
4.	67070	17-3-1959	F. Hoffmann-La Roche & Co., Aktiengesellschaft, 124-184, Grenzacherstrasse, Basle, Switzerland.	Dibenzo-cycloheptaene compounds.
5.	67071	17-3-1959	— do —	Glycosides of 5-fluorocytosine.
6.	67252	2-4-1959	Novo Terapeutisk Laboratorium A/S. 115, Fuglebarkkevej, Copenhagen, Denmark.	Potassium salt of penicillin V and G.
7.	67301	17-4-1959	American Cyanamid Co., 30., Rockefeller Plaza, New York, U. S. A.	Substituted dioxotetracyclines.
8.	67569	2-5-1959	Board of Supervisors of Louisiana, State University & Agricultural & Mechanical College, University Stn., Baton Rouge, Louisiana, U. S. A.	Separating mixtures of coarse and fine materials.
9.	67858	29-5-1959	Takasago Kogyo Kabushiki Kaisha, No. 18, 2-chome, Nishi-Hatcho-bori, Chou-ku, Tokyo, Japan	Separation of menthol from optically active geometrical isomers.
10.	68078	17-6-1959	F. Hoffmann-La Roche & Co., 124-184, Grenzacherstrasse, Basle, Switzerland.	Dibenzazepine compounds.
11.	68225	30-6-1959	— do —	Compounds of the carbasole series.
12.	68268	3-7-1959	Ajinomoto Company Inc., No. 7, 1-chome, Takara-cho, Chuo-ku, Tokyo, Japan.	Producing L glutamic acid by bacterial fermentation.
13.	68391	14-7-1959	F. Hoffmann-La Roche & Co., 124-184, Grenzacherstrasse, Basle, Switzerland.	Unsaturated ketones.
14.	68411	15-7-1959	— do —	Unsaturated ketones.
15.	68893	28-8-1959	American Cyanamid Co., 30, Rockefeller Plaza, New York, U. S. A.	4-quinazolinones.
16.	69226	13-2-1959	F. Hoffmann-La Roche & Co., 124-184, Grenzacherstrasse, Basle, Switzerland.	2, 3-dimethoxy-benzohydroquinones-(1, 4).
17.	69406	19-11-1958	Scherio Ltd., Kapellplatz, 10 Lucerne, Switzerland.	Novel corticosteroids.
18.	69531	29-10-1959	Toyo Rayon Kabushiki Kaisha, 1 of No. 1, 2-chome Nihon-bashi-Muromachi, Chuo-ku, Tokyo, Japan.	Textile fabric.
19.	69575	3-11-1959	— do —	Crape-like fabrics with synthetic filaments.
20.	70120	21-12-1959	American Cyanamid Co., 30, Rockefeller Plaza, New York, U. S. A.	Antibiotic substances.
21.	70223	29-12-1959	F. Hoffmann-La Roche & Co., 124-184, Grenzacherstrasse, Basle, Switzerland.	Nitrogen heterocyclics.
22.	70629	4-2-1960	— do —	Tricyclic compounds.
23.	70703	9-2-1960	Phillips Petroleum Co., Bartlesville, State of Oklahoma, U. S. A.	Separating grit from carbon black.
24.	70972	24-2-1960	F. Hoffmann-La Roche & Co., Aktiengesellschaft, Basle/Schwyz, Switzerland.	Haloalkylamine.
25.	71074	16-3-1959	Lepetit S. p. A., Via Roberto Lepetit, 10, Milano, Italy.	Tripine esters.
26.	71215	25-3-1960	American Cyanamid Co., 30., Rockefeller Plaza, New York, U. S. A.	Sulphatriazines.
27.	71240	28-3-1960	Teikoku Jinzo Kenshi Kabushiki Kaisha, 44, 1-chome, Edo-bori-Minami-cho, Nishi-ku, Osaka, Japan.	Polyvinyl chloride fibres.
28.	71313	1-4-1960	The Japan Leather Mfg. Co. Ltd', of 1, 1-chome Senju Midori-cho-Adachi-ku, Tokyo, Japan	Solubilization of insoluble collagen fibers and reconstitution thereof.
29.	71328	4-4-1960	The Standard Oil Co., Midland Bldg., Cleveland-15, Ohio, U. S. A.	State of Catalyst.
30.	71576	26-4-1960	American Cyanamid Co., 30, Rockefeller Plaza, New York, U. S. A.	Organophosphorus compounds.

1	2	3	4	5
31.	71806	13- 5-1960	F. Hoffmann-La Roche & Co., 124-184, Grenzacherstrasse, Basle, Switzerland.	5-fluorcytosine derivatives.
32.	71917	24-5-1960	American Cyanamid Co., 30, Rockefeller Plaza, New York, U. S. A.	Sulfamoyl-phenyl organic phosphate or thiophosphate.
33.	71939	25- 5-1960	F. Hoffmann-La Roche & Co., 124-184, Grenzacherstrasse, Basle, Switzerland.	Substituted quinone.
34.	71995	30- 5-1960	Phillips Petroleum Co., Bartlesville, State of Oklahoma, U.S.A	Ethylene polymers and copolymers.
35.	72085	4- 6-1960	— do —	Recovery of acetylene.
36.	72104	7- 6-1960	— do —	1, 4-polybutadiene polymers.
37.	72194	14- 6-1960	Yoshihide Hagiwara, No. 65,9-chome, Honmachi, Toyonaka-shi, Osaka-fu, Japan.	Hair nourishing and restoring composition.
38.	72298	21- 6-1960	F. Hoffmann-La Roche & Co., 124-184, Grenzacherstrasse, Basle, Switzerland.	Isomerization of tricyclic compounds.
39.	72344	25- 6-1960	Phillips Petroleum Co., Bartlesville, Oklahoma, U. S. A.	Thermoplastic film.
40.	72473	20- 7-1969	Lepetit S. p. A. 10, Via Roberto Lepetit, Milano, Italy.	Rifomycin.
41.	72892	7- 8-1959	— do —	Rifomycin antibiotic.
42.	72908	8-8-1960	Phillips Petroleum Co., Bartlesville, State of Oklahoma, U. S. A.	Polybutadiene rubber blends.
43.	73085	17- 4-1959	American Cyanamid Co., 30, Rockefeller Plaza, New York, U. S. A.	Substituted deoxy tetracyclines.
44.	73086	17- 4-1959	— do —	Substituted deoxy tetracyclines.
45.	73296	8- 9-1960	Phillips Petroleum Co., Bartlesville, State of Oklahoma, U. S. A.	Pyrolytic conversion of hydrocarbons.
46.	73464	21- 9-1960	Helena Rubinstein Inc., 655, Fifth Avenue, New York, 22, U. S. A.	Cosmetic preparation.
47.	73547	1-10-1960	F. Hoffmann-La Roche & Co., 124-184, Grenzacherstrasse, Basle, Switzerland.	Derivatives of 2,3-dimethoxy-5-methyl-benzohydroquinone-(1,4).
48.	73820	24-10-1960	General Magnesite Handels-Anstalt, Vaduz, Liechtenstein.	Refractory bricks containing magnesia.
49.	74144	17-11-1960	Carlo Erba S. p. A., Via Imbonati 24, Milan Italy.	Salts of the monosuccinic ester of chloramphenicol with polyhydroxylic amines.
50.	74278	28-11-1960	American Cyanamid Co., 30, Rockefeller Plaza, New York, U. S. A.	Preparation of dimethylchlorotetracycline.
51.	74362	5-12-1960	F. Hoffmann-La Roche & Co., 124-184, Grenzacherstrasse, Basle, Switzerland.	1, 4-benzodiazepine derivatives.
52.	74363	5-12-1960	— do —	1, 4-benzodiazepine derivatives.
53.	74368	5-12-1960	— do —	1, 4-benzodiazepine derivatives
54.	74537	15-12-1960	Societe Italiana Resine, 33, Via Grazioli, Milan Italy.	Cumene hydroperoxide.
55.	74613	21-12-1960	Teikoku Jinzo Kensi Kabushiki Kaisha, 44, 1-chome, Edo-bori-Minami-cho, Nishi-ku, Osaka, Japan.	Manufacturing continuously cellulose esters from cellulose ester solution.
56.	74642	22-12-1960	Societa Italiana Resine, S. I. R., S. p. A., 33, Via Grazioli, Milan, Italy.	Stabilized formaldehyde polymers.
57.	74674	24-12-1960	— do —	Stabilizing high molecular weight formaldehyde polymers.
58.	74717	28-12-1960	American Cyanamid Co., 30., Rockefeller Plaza, New York, State of New York, U. S. A.	Composition for stimulation of the Central nervous systems.
59.	75091	27-1-1961	The International Nickel & Co., (Mond.) Ltd., of Thames, House, Millbank, London S. W. 1, England.	Creep resistant alloys.
60.	75278	9-2-1961	Ishikawajima-Harima Jukogyo Kabushiki Kaisha, of 4, Ohtemachi, 2-chome, Chiyoda-ku, Tokyo, Japan.	Nitride-bearing low carbon ductile steels
61.	75430	20-2-1961	American Cyanamid Co., 30, Rockefeller Plaza, New York, U. S. A.	Amino derivatives
62.	75581	1-3-1961	— do —	Nitrogen substituted derivatives.

1	2	3	4	5
63.	73955	27-3-1961	Phillips Petroleum Co., Bartlesville, State of Oklahoma, U.S.A.	Process for recovering rubbery polymers and copolymers from solutions thereof in hydrocarbon solvents.
64.	75999	28-3-1961	— do —	Recovering rubbery polymers and copolymers from solution.
65.	76001	28-3-1961	— do —	Recovering rubbery polymers and copolymers solution.
66.	76110	4-4-1961	Societa Italiana Resine, S. I. R., S. P. A., 33, Via Graziole, Cumene hydroperoxide. Milan, Italy	
67.	76308	19-4-1961	— do —	Purifying acetone obtained from the acid dissociation of cumene hydroperoxide.
68.	76725	16-5-1961	G. D. Searle & Co., P. O. Box-5110, Chicago-80, Illinois, U.S.A.	17-oxygenated 2-oxa-3-oxoster- oires.
69.	77252	20-6-1961	Swift & Co., Union Stock Yards, Chicago-9, Illinois, U. S. A.	Recovery of fluorine.
70.	77379	27-6-1961	Phillips Petroleum Co., Bartlesville, State of Oklahoma, U.S.A.	Polymerization of conjugated dienes.
71.	77859	29-7-1961	— do —	Process for polymersizing 1, 3-butadiene.
72.	78135	19-8-1961	F. Hoffmann-La Roche & Co., Aktiengesellschaft, 124-184, Grenzacherstrasse, Basle, Switzerland.	Triol compounds.
73.	78136	19-8-1961	— do —	Cosmetic preparation.
74.	78242	26-8-1961	Phillips Petroleum Co., Bartlesville, State of Oklahoma, U.S.A.	Butadiene polymers.
75.	78353	4-9-1961	Pullman Incorporated, 200, South Michigan Avenue, Chicago, Illinois, U. S. A.	Phenols.
76.	78732	3-10-1961	Phillips Petroleum Co., Bartlesville, State of Oklahoma, U.S.A.	Olefin polymerization process.
77.	78785	7-10-1961	Nissan Kagaku Kogyo Kabushiki Kaisha, 2-Honcho, 1 chome, Nihonbashi, Chuo-ku, Tokyp, Japan.	Wet process for production phosphoric acid and gypsum.
78.	78920	20-10-1961	International Minerals & Chemical Corp., Old Orchard Road, Illinois, U. S. A.	Production of L-glutamic acid by fermentation.
79.	78973	21-10-1961	Phillips Petroleum Co., Bartlesville, State of Oklahoma, U. S.	Coating resines.
80.	79175	2-11-1961	— do —	Rubber polymers.
81.	79636	4-12-1961	— do —	Compositions for repelling of birds and rodents.
82.	79838	18-12-1961	— do —	Polymerization of conjugated dienes.
83.	79916	21-12-1961	Corning Glass Works, Corning, State of New York, U. S. A.	Phototrophic glass articles.
84.	80086	4-1-1962	Meito Sangyo Kabushiki Kaisha, No. 1, 1-chome Kikuidore, Nishi Ku, Nagoya, Japan.	Milk coagulating enzyone for making cheese.
85.	80178	9-1-1962	American Cyanamid Co., 30, Rockefeller Plaza, New York, U. S. A.	Insecticidal compositions containing O, O-dialkyl phosphinoimidates.
86.	80833	19-2-1962	Phillips Petroleum Co., Bartlesville, State of Oklahoma, U. S. A.	Polymerization of 1 : 3-butadiene.
87.	81344	20-3-1962	— do —	Polymerisation of monomeric materials.
88.	81449	27-3-1962	Vetrocote Societa Per Azioni, 46, Via delle Industrie, Porto, Marghera (Venice), Italy.	Method of removing arsenical compounds contained in sulphur.
89.	81578	2-4-1962	Phillips Petroleum Co., Bartlesville, State of Oklahoma, U. S. A.	Polymers.
90.	81636	5-4-1962	British-American Tobacco Co., Ltd., Westminster, House, 7, Millbank, London S. W. 1, England.	Treating and improving tobacco.
91.	81980	27-4-1962	Teikokao Jinzo Kenshi Kabushiki Kaisha, No. 53, 1-chome, Edoboric, Nishi-ku, Osaka, Japan.	Reinforcing fibrous material.
92.	82480	18-4-1962	General Magnesite Handels Anstalt, Vaduz, Liechtenstein.	Refractory compositions.
93.	82642	8-6-1961	Pyrene Chemical Services Ltd., Ridgeway, Iver, Buckinghamshire, England.	Coating of metals.
94.	82704	12-6-1962	Phillips Petroleum Co., Bartlesville, State of Oklahoma, U. S. A.	Disproportionation of acyclic olefin hydrocarbons.
95.	82772	15-6-1962	Nissan Kagaku Kogyo Kabushiki Kaisha, No. 2-1-chome, Nihonbashi, Honcho, Chou-ku, Tokyo, Japan.	Complex fertilizers.

1	2	3	4	5
96.	82860	2-10-1961	General Magnesite Handels Anstalt, Vaduz, Liechtenstein.	Basic refractory bricks.
97.	82861	19-6-1962	F. Hoffmann-La Roche & Co., 124-184, Grenzacherstrasse, Basle, Switzerland.	Hair treating composition.
98.	83315	17-7-1962	Phillips Petroleum Co., Bartlesville, State of Oklahoma, U. S. A.	Reduction of cold flow and the improvement of the processability of polybutadiene.
99.	83736	16-8-1962	— do —	Rubber polymers.
100.	83802	20-8-1962	Teikoku Jinzo Kenshi Kabushiki Kaisha, No. 53, 1-chome, Edobori, Nishi-ku, Osaka, Japan.	Polymor solution for shaping.
101.	83870	25-8-1962	Monsanto Co., of 800, North Lindbergh Boulevard, St. Louis, Missouri, U. S. A.	Alpha-haloacetamides.
102.	83900	28-8-1962	— do —	Aqueous detergent, slurry composition.
103.	83946	9-2-1961	Ishikawajima Harima Jokogyo Kabushiki Kaisha, of 4, Ohtemachi-1-chome, Chiyoda-ku, Tokyo, Japan.	Nitro bearing ductile steel.
104.	84062	10-9-1962	Teikoku Jinzo Konshi Kabushiki Kaisha, of No. 53, 1-chome, Edobori, Nishi-ku, Osaka, Japan.	Method of effecting the adhesion of polyceter materials to rubbers.
105.	84259	16-4-1962	Hermann Schenck and another, of Intzestrasse, 1, Aachen, West Germany.	Process and apparatus for the production of coke or ore coke on a coking grate and for the recovery of gas of high calorific value.
106.	84430	3-10-1962	Societe Alsacienne De constructions Mecanmaques, of Mulhouse, Haut-Rhin, France.	Production of selvedges on woven fabrics.
107.	85427	3-12-1962	Phillips Petroleum Co., of Bartlesville, State of Oklahoma U. S. A.	Polymeric blends.
108.	85463	4-12-1962	— do —	A process for expelling moisture from a rubbery homopolymer.
109.	85563	11-12-1962	F. Hoffmann-La Roche & Co., Aktiengesellschaft, of 124-184, Grenzacherstrasse, Basle, Switzerland.	Polyolefinic alcohols.
110.	85689	18-12-1962	Societa Italiana Resine S.p. A., of 33, Via Grazioli, Milan, Italy.	Dephenolizing cumene by extraction by means of caustic soda solution.
111.	85871	2-1-1963	Toyo Koatsu Industries Inc., and another, of No. 10, 2-banchi, 4-chome, Nihonbashi, Hongokucho, Chou-ku, Tokyo, Japan.	Urea.
112.	86002	12-1-1962	Laporte Chemicals Ltd., of Kingsway, Luton, Bedfordshire, England.	Peroxy compounds.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention
122238 (14-7-69)	Process for preparing pyrimidine derivatives and pesticidal compositions containing the same.
122404 (26-7-68)	Foundry moulding sand compositions.
122791 (18-8-69)	A process for producing a catalyst, catalyst so prepared, electrode employing said catalyst and a process for making said electrode.
124060 (17-11-69)	New disazo pigments, process for their manufacture and organic material pigmented therewith.
124073 (10-12-68)	Pyrene-brightened polymer compositions and process for the manutacture thercof.
124139 (24-11-69)	Catalysts for the polymerization of olefins.
124439 (15-12-69)	Process for obtaining purifide caprolactam by the purification of oligomer-containing impure epsilon-caprolactam.
124577 (31-12-68)	Dried milk products.
125662 (10-3-70)	Herbicide containing substituted benzothiadiazinone dioxide and a process for producing the same.
125810 (20-3-70)	Production of 0-benzoylbenzoic acid.
126410 (28-4-70)	Improved method of pruiifing gaseous mixtures from acidic compounds.
126983 (8-6-70)	Preparation of margarine like product containing soybean.
127179 (29-6-70)	Process for the production of the β -crystal modification of linear transquinacridone.
127389 (4-7-70)	Process for producing yeast cells.

RENEWAL FEES PAID

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RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 121684 dated the 6th June 1969 made by Indian Oxygen Limited on the 12th November 1973 and notified in the Gazette of India, Part III, Section-2 dated the 8th December 1973 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 141784. Javvadi Murali, Palakonda (P.O.), District Srikakulam, (A.P.), Hindu, Indian Subject. Wall Clocks with day and date. March 29, 1974.

Class 1. No. 142150. Francis Leslie & Company, 105, Apollo Street, Bombay-400001, Maharashtra State, Indian, An Indian Partnership Firm. "Gas Filter" August 20, 1974.

Class 3. No. 142151. Suru Enterprise, C-3, Sona Udyog, P. P. Road, Andheri (East), Bombay-400069, Maharashtra State, India. An Indian Proprietary Firm. "Containet". August 20, 1974.

Class 3. Nos. 142169 & 142170. Bata India Limited, 30, Shakespeare Sarani in the town of Calcutta, West Bengal, A limited Company incorporated under the Indian Companies Act. A sole for Footwear. August 24, 1974.

Class 4. No. 141965. Kundan Chemical Works, 52/B, Kurla Road, 15 Joshi Kunj, Andheri (East), Bombay-69, Maharashtra, an Indian proprietary concern. "Bottles". June 27, 1974.

Class 10. Nos. 142166, 142167 & 142168. Bata India Limited, 30, Shakespeare Sarani in the town of Calcutta, West Bengal. A Limited Company incorporated under the Indian Companies Act. "Footwear". August 24, 1974.

NAME INDEX FOR APPLICANTS FOR PATENTS FOR THE MONTH OF SEPTEMBER 1974, (Nos. 1964/Cal/74 TO 2197/Cal/74, 316/Bom/74 TO 352/Bom/74, AND 140/Mas/74 TO 153/Mas/74).

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Acme-Cleveland Corp.	2187/Cal/74
Agarwal, M.	145/Mas/74
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All India Institute of Medical Sciences, Ansari Nagar, New Delhi-110016, Director, The—	1990/Cal/74
American Home Products Corp.	2002/Cal/74
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Bayar Aktiengesellschaft.	2055/Cal/74
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Garg, S. K.	1980/Cal/74
G. D. Societa' per Azioni.	2153/Cal/74
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General Signal Corp.	1994/Cal/74	Kannan, D. D.	318/Bom/74
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Gopalakrishna Rao, E.	150/Mas/74	Kautex-Werke Reinold Hagen GmbH.	2139/Cal/74
Gossage, T. M.	2007/Cal/74	Khan, S.	1993/Cal/74
Gosudarstvenny Nauchno-Issledovatel'sky Institut Po Promyshlennoi I Sanitarnoi Ochistke Gazov.	2129/Cal/74	Kidlick Nixon Ltd.	324/Bom/74
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Industrial Command of Asia.	2019/Gal/74	Madhavji, M.	352/Bom/74
Industrie-Chemic-Thoma GmbH & Co., KG.	1975/Cal/74	Magnesium Elektron Ltd.	2049/Cal/74
Institute po Metaloznaniie i Technologii na Metalite.	2086/Cal/74	Mahle GmbH.	2032/Cal/74
Institut Sverkhtverdykh Materialov Akademii Nauk Ukrainskoi Ssr.	2120/Cal/74	Mandrekar, U.	344/Bom/74
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National Aeronautics and Space Administration.	2005/Cal/74	Rhone-Progil S. A.	1973/Cal/74
Nautamix Patent A. G.	321/Bom/74	Rohm and Hass Co.	1981/Cal/74
Nilux Holding Societe Anonyme.	2117/Cal/74	Rotta Research Laboratories S. p. A.	2010/Cal/74
Nippon Steel Corp.	2031/Cal/74	Rottier, F. F.	2030/Cal/74
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	2143/Cal/74	Sathaye, S. S.	317/Bom/74
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Pal, K.	1993/Cal/74	Schubert & Salzer Maschinenfabrik Aktiengesellschaft.	2066/Cal/74
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Patel, J. H.	340/Bom/74	Shokubai Kagaku Kogyo Co. Ltd.	2057/Cal/74
Patel, V. S.	329/Bom/74	Siddiqui, M. A.	1969/Cal/74
Pfizer Corp.	2021/Cal/74		1970/Cal/74
Phatak, D. R. (Prof.)	336/Bom/74	Siemens Aktiengesellschaft.	2079/Cal/74
Pillai, D. S.	2061/Cal/74		2080/Cal/74
Plant Products Co., Ltd.	2016/Cal/74		2087/Cal/74
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Pranjale, M. S. (Prof.)	336/Bom/74	Siemens-Albis Aktiengesellschaft.	2192/Cal/74
Prasad, R. C.	1969/Cal/74	Singh, I.	2050/Cal/74
	1970/Cal/74	Sivarajan, K. (Dr.)	144/Mas/74
Puri, M. S.	152/Mas/74	Smith, H.	2011/Cal/74
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Societe Anonyme Secmafer.	2103/Cal/74	Uddeholms Aktiebolag.	1978/Cal/74
Societe D'Etudes Scientifiques Et Industrielles De L'ile-De-France.	2147/Cal/74	Unichem Laboratories Corp.	350/Bom/74
Societe Nationale Des P. & D. Aquitaine.	2176/Cal/74	Unilever Ltd.	1965/Cal/74
Sonawane, M. S.	331/Bom/74	Union Carbide Corp.	2091/Cal/74
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Standard Oil Co., The	1972/Cal/74	Vaid, R. B.	316/Bom/74
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Stout, R. K.	2078/Cal/74	Varta Batterie Aktiengesellschaft	2075/Cal/74
Sukumaran, K.	140/Mas/74	Verb Polygraph Leipzig Kombinat fur Polygraphische Maschinen und Ausrustungen.	2107/Cal/74
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Takeda Chemical Industries, Ltd.	2048/Cal/74	Wasag Chemie GmbH.	2014/Cal/74
Tasgaonkar, G. S. (Prof.)	336/Bom/74	Wavin B. V.	2090/Cal/74
Tata Engineering and Locomotive Co. Ltd.	337/Bom/74	Westinghouse Electric Corp.	1964/Cal/74
Tetra Pak Development Sa.	2070/Cal/74	Westinghouse Brake and Signal Company Ltd.	2190/Cal/74
Thoru Electrical Industries Ltd.	1986/Cal/74	Wiggins Teape Ltd.	1988/Cal/74
Toshniwal, A.	2193/Cal/74	Z	
Toshniwal, S. (Minor).	2193/Cal/74	Zelacolor Systems Establishment.	2106/Cal/74
Toth Aluminum Corp.	2133/Cal/74	Zellweger Ltd.	2166/Cal/74
Trivedi, D. T.	349/Bom/74		

S. VEDARAMAN,
Controller-General of Patents, Designs
and Trade Marks.

